

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/525,105
Source: PCT
Date Processed by STIC: 3/2/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/02/2005

PATENT APPLICATION: US/10/525,105

TIME: 12:59:13

Input Set : A:\seq P04-222.txt

Output Set: N:\CRF4\03022005\J525105.raw

3 <110> APPLICANT: Takeda Pharmaceutical Company Limited
 5 <120> TITLE OF INVENTION: PREVENTIVES/REMEDIES FOR CANCER
 7 <130> FILE REFERENCE: P04-222PCT
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/525,105
 C--> 9 <141> CURRENT FILING DATE: 2005-02-18
 9 <150> PRIOR APPLICATION NUMBER: JP 2002-240830
 10 <151> PRIOR FILING DATE: 2002-08-21
 12 <150> PRIOR APPLICATION NUMBER: JP 2002-363108
 13 <151> PRIOR FILING DATE: 2002-12-13
 15 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/010532
 16 <151> PRIOR FILING DATE: 2003-08-20
 18 <160> NUMBER OF SEQ ID NOS: 44
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 21 <211> LENGTH: 774
 22 <212> TYPE: PRT
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 30 Arg Val Asp Cys Gly Gln Ala Pro Leu Asp Pro Val Tyr Leu His Val
 31 35 40 45
 32 Thr Ala Ala Arg Pro Ala Gln Pro Thr Leu Trp Thr Ala Lys Leu Asp
 33 50 55 60
 34 Arg Phe Lys Gly Ser Arg His His Thr Thr Leu Ile Thr Cys His Arg
 35 65 70 75 80
 36 Ala Gly Leu Thr Glu Pro Asp Ser Ser Ser Pro Leu Glu Leu Ser Glu
 37 85 90 95
 38 Phe Leu Trp Val Asp Phe Val Val Glu Asn Ser Thr Gly Gly Gly Val
 39 100 105 110
 40 Ala Val Thr Arg Pro Val Thr Trp Gln Leu Glu Tyr Pro Gly Gln Ala
 41 115 120 125
 42 Pro Glu Ala Glu Lys Asp Lys Met Val Trp Glu Ile Leu Val Ser Glu
 43 130 135 140
 44 Arg Asp Ile Arg Ala Leu Ile Pro Leu Ala Lys Ala Glu Glu Leu Val
 45 145 150 155 160
 46 Asn Thr Ala Pro Leu Thr Gly Val Pro Gln His Val Pro Val Arg Leu
 47 165 170 175
 48 Val Thr Val Asp Gly Gly Gly Ala Leu Val Glu Val Thr Glu His Val
 49 180 185 190
 50 Gly Cys Glu Ser Ala Asn Thr Gln Val Leu Gln Val Ser Glu Ala Cys
 51 195 200 205

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54 Arg Val Asp Phe Trp Trp Arg Arg Leu Arg Ala Ser Leu Arg Leu Thr
55 225                      230                      235                      240
56 Val Trp Ala Pro Leu Leu Pro Leu Arg Ile Glu Leu Thr Asp Thr Thr
57      245                      250                      255
58 Leu Glu Gln Val Arg Gly Trp Arg Val Pro Gly Pro Ala Glu Gly Pro
59      260                      265                      270
60 Ala Glu Pro Ala Ala Glu Ala Ser Asp Glu Ala Glu Arg Arg Ala Arg
61      275                      280                      285
62 Gly Cys His Leu Gln Tyr Gln Arg Ala Gly Val Arg Phe Leu Ala Pro
63      290                      295                      300
64 Phe Ala Ala His Pro Leu Asp Gly Gly Arg Arg Leu Thr His Leu Leu
65 305                      310                      315                      320
66 Gly Pro Asp Trp Leu Leu Asp Val Ser His Leu Val Ala Pro His Ala
67      325                      330                      335
68 Arg Val Leu Asp Ser Arg Val Ala Ser Leu Glu Gly Gly Arg Val Val
69      340                      345                      350
70 Val Gly Arg Glu Pro Gly Val Thr Ser Ile Glu Val Arg Ser Pro Leu
71      355                      360                      365
72 Ser Asp Ser Ile Leu Gly Glu Gln Ala Leu Ala Val Thr Asp Asp Lys
73      370                      375                      380
74 Val Ser Val Leu Glu Leu Arg Val Gln Pro Val Met Gly Ile Ser Leu
75 385                      390                      395                      400
76 Thr Leu Ser Arg Gly Thr Ala His Pro Gly Glu Val Thr Ala Thr Cys
77      405                      410                      415
78 Trp Ala Gln Ser Ala Leu Pro Ala Pro Lys Gln Glu Val Ala Leu Ser
79      420                      425                      430
80 Leu Trp Leu Ser Phe Ser Asp His Thr Val Ala Pro Ala Glu Leu Tyr
81      435                      440                      445
82 Asp Arg Arg Asp Leu Gly Leu Ser Val Ser Ala Glu Glu Pro Gly Ala
83      450                      455                      460
84 Ile Leu Pro Ala Glu Glu Gln Gly Ala Gln Leu Gly Val Val Val Ser
85 465                      470                      475                      480
86 Gly Ala Gly Ala Glu Gly Leu Pro Leu His Val Ala Leu His Pro Pro
87      485                      490                      495
88 Glu Pro Cys Arg Arg Gly Arg His Arg Val Pro Leu Ala Ser Gly Thr
89      500                      505                      510
90 Ala Trp Leu Gly Leu Pro Pro Ala Ser Thr Pro Ala Pro Ala Leu Pro
91      515                      520                      525
92 Ser Ser Pro Ala Trp Ser Pro Pro Ala Thr Glu Ala Thr Met Gly Gly
93      530                      535                      540
94 Lys Arg Gln Val Ala Gly Ser Val Gly Gly Asn Thr Gly Val Arg Gly
95 545                      550                      555                      560
96 Lys Phe Glu Arg Ala Glu Glu Glu Ala Arg Lys Glu Glu Thr Glu Ala
97      565                      570                      575
98 Arg Glu Glu Glu Glu Glu Glu Glu Glu Met Val Pro Ala Pro Gln
99      580                      585                      590
100 His Val Thr Glu Leu Glu Leu Gly Met Tyr Ala Leu Leu Gly Val Phe

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101          595          600          605
102 Cys Val Ala Ile Phe Ile Phe Leu Val Asn Gly Val Val Phe Val Leu
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105 625          630          635          640
106 Pro Gln Pro His Asn Trp Val Trp Leu Gly Thr Asp Gln Glu Glu Leu
107          645          650          655
108 Ser Arg Gln Leu Asp Arg Gln Ser Pro Gly Pro Pro Lys Gly Glu Gly
109          660          665          670
110 Ser Cys Pro Cys Glu Ser Gly Gly Gly Glu Ala Pro Thr Leu Ala
111          675          680          685
112 Pro Gly Pro Pro Gly Gly Thr Thr Ser Ser Ser Ser Thr Leu Ala Arg
113          690          695          700
114 Lys Glu Ala Gly Gly Arg Arg Lys Arg Val Glu Phe Val Thr Phe Val
115 705          710          715          720
116 Pro Ala Pro Pro Ala Gln Ser Pro Glu Glu Pro Val Gly Ala Pro Ala
117          725          730          735
118 Val Gln Ser Ile Leu Val Ala Gly Glu Glu Asp Ile Arg Trp Val Cys
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133 ctggaccctg tctacctgca tgtgacagcc gcccgccag cccagcccac actctggact 180
134 gccaagctag accgcttcaa gggctccagg caccacacca cctcatcac ctgccaccgt 240
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136 gactttgtgg tggagaatag cactgggtgg ggcgtagcgg tcactcgccc cgtcacgtgg 360
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138 ctggtgtctg agcgggacat cagagccctt atcccactgg ccaaggctga ggagctggtg 480
139 aatacagcac cactgactgg agtgcccag catgtccccg tgcgccttgt cactgtggac 540
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146 ttctcgccc ctttcgcggc ccaccgcgtg gacggcggcc gccgcctcac gcacctgctt 960
147 ggccccgact ggctgctaga cgtgtcccac ctctgtggcg cacacgcccg cgtgctggac 1020
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151 accttgagcc ggggcactgc ccaccccggg gaggtcacag ctacgtgctg ggcacagtca 1260

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154 gagcctggtg ccatcctgcc agctgaggag cagggtgccc agctcggggt ggtggtgagt 1440
155 ggggcaggcg ccgaggggct gccgctgcat gtggctctgc acccgcccga gccctgccgc 1500
156 cggggccgcc accgtgtgcc tctggcctct ggcaccgcct ggctggggct gccccctgcc 1560
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TIME: 12:59:13

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207 ggtggcaggc agtgtcgggg gcaacacagg tgtgaggggc aagtttgagc gggcagagga 1860
208 ggaggccagg aaggaggaga ccgaagccag ggaggaggag gaggaagagg aggaggagat 1920
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221 gccccttgct atggaccatg gtcgtgagga agggctcatg ccccttattt atgggaacca 2700
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224 <210> SEQ ID NO: 4

225 <211> LENGTH: 909

226 <212> TYPE: PRT

227 <213> ORGANISM: Homo sapiens

229 <400> SEQUENCE: 4

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235      35              40              45
236 Ala Leu Glu Leu Leu Asp Ala Pro Glu His Phe Arg Val Gln Gln Val
237      50              55              60
238 Gly His Tyr Pro Pro Ala Asn Ser Ser Leu Ser Arg Ser Glu Thr
239      65              70              75              80
240 Phe Leu Leu Leu Gln Pro Trp Pro Arg Ala Gln Pro Leu Leu Arg Ala
241      85              90              95
242 Ser Tyr Pro Pro Phe Ala Thr Gln Gln Val Val Pro Pro Arg Val Thr
243      100             105             110
244 Glu Pro His Gln Arg Pro Val Pro Trp Asp Val Arg Ala Val Ser Val
245      115             120             125
246 Glu Ala Ala Val Thr Pro Ala Glu Pro Tyr Ala Arg Val Leu Phe His
247      130             135             140
248 Leu Lys Gly Gln Asp Trp Pro Pro Gly Ser Gly Ser Leu Pro Cys Ala
249      145             150             155             160
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251      165             170             175
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253      180             185             190

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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date